Att. Docket No.: REG 334-A-US

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

USSN:

10/009,620

Applicant:

Wiegand, S. J.

Date Filed:

December 11, 2001

Title: Methods of Imaging and Targeting
Tumor Vasculature

Examiner:

Not yet known

Group Art Unit:

3736

RECEIVED

February 6, 2003

FEB 2 0 2003

U.S. PATENT DOCUMENTS

TECHNOLOGY CENTER R3700

Examiner <u>Initials</u>

Patent Number Issue **Date**

Publication Publication **Number**

<u>Date</u>

<u>Name</u>

FOREIGN PATENT DOCUMENTS

Examiner <u>Initials</u>	Document <u>Number</u>	<u>Date</u>	Country	Class/ Date Subclass	slation <u>No</u>
<u>ಬಬ</u> wo	/99 40947	08/19/99	PCT		
WO ENG	/00 18439	04/06/00	PCT		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

10	Maisonpierre, PC, et al., 1997, "Angiopoietin-2, a natural antagonist for Tie2 that disrupts in vivo angiogenesis", Science 277:55-60
	Kirsch, JE, 1991, "Basic principles of magnetic resonance contrast agents", Top Magn Reson Imaging 3:1-18
	Wallis, F. and Gilbert, FJ, 1999, J R, "Magnetic resonance imaging in oncology: an overview", Coll Surg Edinb 44:117-125
-	Schiepers, C. and Hoh, CK, 1998, "Positron emission tomography as a diagnostic tool in oncology", Eur Radiol 8:1481-1494
	Ferrand, SK, et al., 1999, "What is new in nuclear medicine imaging?", Surg

Information Disclosure Statement Form 1449 Wiegand, Stanley J. USSN 10/009,620

Asahara, T. et al., 1998, "Tie2 receptor ligands, angiopoietin-1 and angiopoietin-2, modulate VEGF-induced postnatal neovascularization", Circ Res 83(3):233-240.
Lin, P., et al., 1998, "Anti-angiogenic gene therapy targeting the endothelium-specific receptor tyrosine kinase Tie2", PNAS USA 95:8829-8834.
Tanaka, S., et al., 1999, "Biologic significance of angiopoietin-2 expression in human hepatocellular carcinoma", J Clin Invest 103(3):341-345.
Molema, G., et al., 2000, "The use of bispecific antibodies in tumor cell and tumor vasculature directed immunotherapy", J Control Release 64 (1-3):229-239.
Berns, A., 1999, "Mouse model for cancer at center stage - AACR special meeting: Cancer biology and the mutant mouse: New methods, new models, new insights, Keystone, Colorado, USA 31 January - 5 February 1999", Trends in Genetics 15(5):177.
Lauren, J., et al., 1998, "Is angiopoietin-2 necessary for the initiation of angiogenesis?", Am J Path 153(5):1333-1339.
Stratmann, A., et al., 1998, "Cell type-specific of expression of angiopoietin-2 suggests a role in glioblastoma angiogenesis", Am J Path 153(5):1459-1466.
Wong, MP., et al., 1999, "Down-regulated angiopoietin-1/tie2 receptor pathway and enhanced expression of vascular endothelial growth factor and angiopoietin-2 in non-small cell lung carcinoma", Proc Am Assoc Canc Res Annual 40:556.
Ding, H. et al., 1999, "Expression and hypoxic regulation of angiopoietins and its receptors in human astrocytoma cell lines and tumor specimens", Proc Am Assoc Canc Res Annual 40:556.
Chan, ASY, et al., 1999, "Angipoietin-2 and VEGF co-express in the accelerated phase of angiogenesis during anaplastic progression of gliomas", Proc Am Assoc Canc Res Annual 40:414.
Fujikawa, K., et al., 1998, "Expression of angiopietin-1, angiopoietin-2, tie-1 and tie-2 in breast cancer", Blood 92)10, Suppl 1, Part1-2, page 174A
Holash, J, et al., 1999, "Vessel cooption, regression, and growth in tumors mediated by angiopoietins and VEGF", Science, 284(5422):1994-1998.
Zagzag, D, et al., 1999, "In situ expression of angiopoietins in astrocytoma identifies angiopoietin-2 as an early marker of tumor angiogenesis", Exp Neuro 159(2):391-400.
Yoshida, Y., et al., 1999, "Expression of angiostatic factors in colorectal cancer", Int J Oncol 15(6);1221-1225.

Information Disclosure Statement Form 1449 Wiegand, Stanley J. USSN 10/009,620

Holash, J., et al., 1999, "New model of tumor angiogenesis: Dynamic balance between vessel regression and growth mediated by angiopoietins and VEGF", Oncogene, 19(38):5356-5362.

Ijland, SAJ, et al., 1999, "Expression of angiogenic and immunosuppressive factors by uveal melanoma cell lines", Melanoma Res 9(5):445-450.

Theis, H., et al., 1999, "Role of VEGF, angiopoietins and their receptors in angiogenesis of renal cell carcinoma", J Am Soc Neph 10, Program and Abstract Issue:186A.

EXAMINER CONSIDERED

DATE

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Pallatino

Respectfully submitted,

Bv:

Linda O. Palladino Reg. No. 45,636 Agent for Applicants Regeneron Pharmaceuticals, Inc. 777 Old Saw Mill River Road Tarrytown, New York 10591 (914) 345-7400